



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending August 7, 2011

## TOBACCO, HAY, AND CORN SILAGE HARVESTS UNDERWAY

This week brought extreme heat and hit or miss showers to most Tennessee counties. Rain was generally welcome where received, but more will be needed to keep crops in good-to-excellent condition. Pastures are stressed, but generally are in good shape for this time of year. Besides the harvest activities, growers were active spraying pesticides, scouting, and irrigating.

There were 6 days suitable for fieldwork across the state. Topsoil moisture levels were rated 11 percent very short, 39 percent short, 48 percent adequate and 2 percent surplus. Subsoil moisture levels were rated 9 percent very short, 34 percent short, 56 percent adequate, and 1 percent surplus. Temperatures averaged 4 to 6 degrees above normal across Tennessee this past week. There were thunderstorms across much of the state, but they did not produce much precipitation. Rainfall averaged below normal for the week across the entire state.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2010	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Dough	80	67	94	88	Cattle	0	5	28	56	11
Corn – Dent	52	30	68	57	Corn	1	4	24	53	18
Corn – Silage Harvested	25	9	36	24	Cotton	0	1	21	66	12
Cotton – Setting Bolls	87	65	92	91	Pastures	2	13	39	42	4
Soybeans – Blooming	85	75	88	88	Soybeans	1	6	23	58	12
Soybeans – Setting Pods	60	44	69	70	Tobacco	1	5	27	52	15
Tobacco – Topped	49	37	58	54						
Tobacco – Burley Harvested	8	n/a	6	5						
Tobacco – Dark Air-Cured Harvested	11	n/a	10	6						
Tobacco – Dark Fire-Cured Harvested	13	n/a	11	9						

n/a = not available

### County Agent Comments

*“Some farmers have not seen a rain in almost 6 weeks. The crops look good, but are stressed due to the hot conditions and the dry weather pattern. Armyworms and spider mites are starting to become a problem.”*

**Jeffery D. Via, Fayette County**

*“Straight line winds in excess of 60 miles per hour associated with a thunderstorm mid-week have flattened over 2000 acres of corn in Weakley County. (Rainfall total for the week in Martin was 2.46”)*

**Jeff Lannom, Weakley County**

*“We need some rain and a break from the heat ....fields and ponds are beginning to dry up.”*

**Laurie Mobley, Houston County**

*“Near record high temperatures seen during the week has made conditions tough for crops and livestock. A mid week rain was a welcome sight for all and needed by all crops, especially late planted corn, soybeans and pastures. Corn silage harvest is underway.” (Rainfall total for the week in Lawrenceburg was 1.60”)*

**Calvin Bryant, Lawrence County**

*“Extreme heat is stressful on livestock. There are some reports of third trimester abortions and rebreeding of first trimester cattle. Rains continue to help crops and water supply. Pasture and hay is good.” (Rainfall total for the week in Shelbyville was 1.55”)*

**John Teague, Bedford County**

*“Giles County received much needed rain this week but with it came some storms that included damaging winds. Some reports of corn down in some fields and some trees down in field borders. Producers sprayed some beans early in the week prior to rain.” (Rainfall total for the week in Pulaski was 2.65”)*

**Kevin Rose, Giles County**

*“Enough scattered storms this week that most all areas got measurable rain (some as much as 3+ inches in a single event) which was welcomed and will benefit the late soybeans and improve chances of another hay cutting.” (Rainfall total for the week in Murfreesboro was 2.09”)*

**Mitchell Mote, Rutherford County**

*“Lack of rainfall and very high temperatures has caused pastures to decline rapidly this week. Tobacco harvest is starting but there is concern for high temps causing curing problems.”*

**David K. Glover, Smith County**

*“Some scattered rain throughout the county, but some areas are very dry as evidenced by curling corn and short pastures.” (Rainfall total for the week in Cookeville was 0.58”)*

**Scott Chadwell, Putnam County**

*“Considerable corn silage harvest was accomplished this week and the scales witnessed a significant yield reduction due to the drought and heat stress. Commercial vegetables are experiencing increasing disease pressure, especially in the cucurbits.”*

**John Wilson, Blount County**

*“High temperatures and lack of moisture are causing crop conditions to deteriorate quickly. Corn yield potential looks good.”*

**Mannie Bedwell, Hamblen County**

*“Heat and dryness are really taking a toll on crops, pasture, and cattle.”*

**Larry Mitchell, Meigs County**

TEMPERATURES AND PRECIPITATION  
For week ending: August 7, 2011 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending August 7, 2011				Current Week 08/07/11	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	104	70	85	7	0.86	3	37.73	4.73	25.21	5.98
Brownsville_TN	105	71	85	6	0.7	1	41.7	8.66	29.12	9.88
Covington	103	71	84	5	0.87	1	41.24	8.77	29.55	10.76
Dyersburg	102	70	85	6	0.5	2	35.96	4.58	22.79	4.23
Huntingdon_Wate	105	68	84	6	1.51	3	42.78	9.89	28.47	9.34
Jackson_Exp_Stn	104	69	84	6	0.23	1	41.3	8.43	29.46	9.87
Lexington_TN	102	69	83	5	0.51	2	35.49	3.45	23.96	5.11
Martin	105	70	85	7	2.46	4	47.07	13.9	30.62	10.69
Memphis_AG	105	73	87	5	1.24	2	40.42	8.36	28.8	10.23
Milan	105	67	84	6	0.93	2	44.27	10.53	30.32	10.2
Paris	103	69	83	6	2.87	3	47.73	15.48	31.74	13
Savannah_6SW	104	68	83	4	0.27	2	39.57	3.74	25.03	4.66
Selmer	106	68	84	6	0.34	3	38.09	2.54	25.76	5.45
Union_City	100	68	82	5	1.63	4	44.67	12.43	29.5	10.44
Middle										
Clarksville_Sew	105	68	83	5	0.88	3	45.03	13.67	30.62	12.91
Cookeville	95	64	79	3	0.58	3	47.13	11.46	30.66	10.02
Crossville_AP	93	64	80	7	0.54	2	39.12	3.9	24.47	4.27
Dickson_AG	102	65	81	5	1.93	3	39.06	5.38	23.89	4.22
Dover_1W	103	69	83	7	2.66	2	48.17	15.5	31.58	12.81
Fayetteville_TN	98	67	82	6	0.6	3	40.26	6.16	23.58	4.76
Jamestown	91	62	77	4	0.27	1	46.57	12.28	28.92	8.47
Kingston_Spring	103	67	83	6	0.61	3	33.98	1.86	20.89	2.74
Lawrenceburg_Fl	101	68	82	7	1.6	4	40.05	4.96	26.17	6.9
Lewisburg	101	65	81	4	1.75	3	41.6	6.76	26.34	6.08
Linden	98	68	82	5	0.92	3	38.3	3.28	25.46	5.43
Livingston_WLIV	97	64	80	4	1.02	2	45.92	12.74	26.83	7.17
Murfreesboro_5N	101	66	81	4	2.09	4	39.07	5.84	25.09	5.64
Nashville_Metro	102	68	83	5	0.57	2	33.41	3.57	20.96	3.36
Oneida	93	65	79	7	0.53	3	50.81	16.31	31.98	11.35
Portland_TN	99	69	81	5	0.12	2	39.87	7.39	23.83	4.65
Pulaski_Water_P	98	67	81	2	2.65	3	45.66	11.15	30.87	11.75
Shelbyville	100	68	82	5	1.55	4	44.83	10.06	28.46	8.57
Sparta_TN	97	64	80	5	0.54	2	43.62	8.9	27.94	7.79
Springfield	102	62	81	5	0.39	2	38.31	7.02	24.04	5.62
Springhill	101	63	81	5	1.29	4	31.99	-2.8	19.63	-0.55
Tulahoma	95	68	80	4	0.72	4	38.39	2.51	24.36	4.45
East										
Chattanooga/Lov	101	73	85	7	0	0	36.67	3.02	18.28	0.36
Cleveland_6NNE	101	67	83	7	0.24	3	30.64	-3.96	16.21	-2.83
Dayton	100	68	82	6	0.34	3	36.65	1.55	19.95	0.87
Erwin_1W	92	63	78	6	0.18	2	33.47	1.9	21.96	1.9
Gatlinburg_2SW	92	59	76	4	0.62	2	40.34	4.17	25.89	3.66
Greeneville	94	61	79	5	0.26	2	28.7	1.11	18.08	1.18
Kingston_AG	94	68	81	6	0.32	1	37.69	0.74	21.24	0.37
Knoxville_AP	99	67	83	7	0.28	2	30.47	-0.17	16.51	-0.81
Newcomb	94	64	79	7	0.32	1	41.54	7.04	27.03	6.4
Norris_4NE	91	64	78	3	0.37	2	38.85	5.62	22.3	2.96
Tri-City_RGNL_A	96	63	80	6	0.06	2	30.59	4.42	17.84	2.04

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.  
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